## JAP3 Rec'd PCT/PTO 1 7 MAR 2005

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021
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## TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER CL2244 US PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PCT/US04/34446	PCT/US04/34446 13 October 2004 ( 13.10.04 ) 14 October 2003 ( 14.10.03 )					
TITLE OF INVENTION CHROMIUM OXIDE COMPOSITIONS CONTAINING ZINC, THEIR PREPARATION, AND THEIR USE AS CATALYSTS AND CATALYST PRECURSORS						
APPLICANT(S) FOR DO/EO/US Amos, Tammy Georgette Et. Al.						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT su	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).	The US has been elected (Article 31).					
5. A copy of the International Application	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
a.  is attached hereto (required	a. 🗾 is attached hereto (required only if not communicated by the International Bureau).					
b. has been communicated by	b. has been communicated by the International Bureau.					
c. is not required, as the application	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. An English language translation of the	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
a. is attached hereto.	a. is attached hereto.					
b. has been previously submitt	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
7. Amendments to the claims of the Inter	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. are attached hereto (require	a. are attached hereto (required only if not communicated by the International Bureau).					
b. have been communicated to	b. have been communicated by the International Bureau.					
c. have not been made; howe	c. have not been made; however, the time limit for making such amendments has NOT expired.					
d. 🖊 have not been made and w	d. An have not been made and will not be made.					
8. An English language translation of the	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. An oath or declaration of the inventor(s	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes of the International Prelim	minary Examination Report under PCT				
Items 11 to 20 below concern document(s)	or information included:					
11. An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.					
12. An assignment document for recording	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.	A preliminary amendment.					
14. An Application Data Sheet under 37 C	An Application Data Sheet under 37 CFR 1.76.					
15. A substitute specification.	A substitute specification.					
16. A power of attorney and/or change of	A power of attorney and/or change of address letter.					
17. A computer-readable form of the sequ	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18. A second copy of the published Interna	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. A second copy of the English language	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICAT	ION NO. (if known,			PLICATION NO.	ATTORNEY'S DOC	KET NUMBER
	10/5	72628	PCT/US04	/34446	CL2244 U	JS PCT
20. Other items or information:  EXPRESS MAIL LABEL: EV537170474US  SEARCH REPORT AND WRITTEN OPINION						
The follo	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. 🗹 Basi	c national fee (37	CFR 1.492(a))		\$300	\$ 300.00	
22. 🔽 Exam	nination fee (37 CF	R 1.492(c))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 O All other situations					\$ 200.00	
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 400.00		
	TOTAL OF 21, 22	2 and 23 =	- · · · · · · · · · · · · · · · · · · ·		900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE				:		
- 100 =	/50 =	mereor (round	thereof (round up to a whole number)  x \$250		\$ 0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ 0.00			
CLAIMS	NUMB	NUMBER FILED NUMBER EXTRA RATE		RATE	\$	
Total claims	16	- 20 =	0	× \$ 50	\$ 0.00	
Independent clair	ms 1	- 3 =	0	x \$200	\$ 0.00	
MULTIPLE DEPE	ENDENT CLAIM(S	S) (if applicable)	YES 🗌	+ \$360	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			0.00			
SUBTOTAL =				\$ 900.00		
Process ng fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR1.492(i)).			\$ 0.00			
TOTAL NATIONAL FEE =				\$ 900.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 0.00			
TOTAL FEES ENCLOSED =			\$ 900.00	_		
					Amount to be refunded:	\$
- <u>-</u>					Amount to be charged	\$

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а. 🗌	A check in the amount of \$ to cover the above fees is enclosed.					
b. 🔽	Please charge my Deposit Account No. <u>04-1928</u> in to A duplicate copy of this sheet is enclosed.	the amount of \$900.00 _ to cover the above fees.				
c. 🔽	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1928</u> . A duplicate copy of this sheet is enclosed.					
d. 🗆	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
		3/14/06				
SEND A	LL CORRESPONDENCE TO:	Del Ethin				
HEISER, DAVID E.	EISER, DAVID E.	SIGNATURE  HEISER, DAVID E.				
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<u> </u>	Manager and the second					